# TENSIONED LARGE ADVANTAGE® ELECTROL®

**Automatic Electric Projection Screen Model**

## SPECIFICATION DATA

**DA-LITE SCREEN COMPANY, INC.**
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Post Office Box 137
Warsaw, Indiana 46581-0137
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Fax: 574-267-7804
Toll Free Fax: 877-325-4832
www.da-lite.com
e-mail: info@da-lite.com

**SUGGESTED SPECIFICATIONS:** _____ projection screen(s), _____ (H) x _____ (W), electrically operated 120 volt (60 Hz) not more than 2.4 amp. with a quick connect male plug-in connector on the motor. Shall have specially designed motor mounted inside the roller, to be three wire with ground, quick reversal type, oiled for life, with automatic thermal overload cutout, integral gears, capacitor and an electric brake to prevent coasting. To have preset but adjustable limit switches to automatically stop picture surface in the "up" and "down" positions. Junction box shall be internally integrated into the housing making it possible to install the housing and wire to the building's electrical system during construction. The junction box shall contain a quick connect connector that is mounted in the housing for easy plug-in connection to the motorized fabric and roller assembly. The motorized fabric and roller assembly to be installed in the case at the factory or at a later time at the job site. The fabric roller to be of 4½" diameter (5¾" if 270" diagonal, 275" diagonal, or 298" diagonal) metal. Screen to be designed for left or right-hand motor installation. Screen fabric to be seamless, flame retardant and mildew resistant vinyl with black masking borders standard. Each side of the fabric to have tab guide cable system to maintain even lateral tension and hold surface flat. Custom slat bar with added weight maintains vertical tension on the screen surface. The ends of the slat to be protected by heavy duty plastic caps enclosing a preset adjustable mechanism for screen tensioning. Case to be made of extruded aluminum powder coated white. End caps to be of heavy gauge steel powder coated white. Bottom of case to have a removable access door. Door to be of extruded aluminum powder coated white. Bottom of case to be self-trimming, with a built-in flange around the bottom of the case. To be completed with a three-position control switch and cover plate. Suitable for use in environmental air space in accordance with section 300-22 (c) of the National Electric Code, and sections 2-128, 12-010 (3) and 12-100 of the Canadian Electrical Code, part 1, CSA C22.1. Screen to be listed by Underwriters' Laboratories.

**All surfaces will be seamless.**
**All viewing surfaces are standard with black backing except Da-Tex® and Dual Vision.**

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**VIDEO (NTSC 4:3) FORMAT DIMENSIONS**

| Viewing Area | | Nominal Diagonal | | Overall Length of Case (does not include flange) | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 126" x 168" | 320 x 427 | 210" | 533 | 199¼" | 506 | 594 | 269.4 |
| 132" x 176" | 335 x 447 | 220" | 559 | 208¼" | 529 | 620 | 281.2 |
| 144" x 192" | 366 x 488 | 240" | 610 | 225¾" | 573 | 672 | 304.8 |
| 162" x 216" | 411 x 549 | 270" | 686 | 251¼" | 638 | 744 | 337.5 |

**HDTV (16:9) FORMAT DIMENSIONS**

| Viewing Area | | Nominal Diagonal | | Overall Length of Case (does not include flange) | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 108" x 192" | 274 x 488 | 220" | 559 | 220¾" | 561 | 652 | 295.7 |
| 121" x 216" | 307 x 549 | 247" | 627 | 246½" | 627 | 727 | 329.8 |
| 135" x 240" | 343 x 610 | 275" | 699 | 272½" | 693 | 803 | 364.2 |
| 146" x 260" | 371 x 660 | 298" | 757 | 294¼" | 747 | 847 | 384.2 |

**WIDE (16:10) FORMAT DIMENSIONS**

| Viewing Area | | Nominal Diagonal | | Overall Length of Case (does not include flange) | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|---|---|
| H x W | Cm | In. | Cm | In. | Cm | Lbs. | Kg |
| 110" x 176" | 279 x 447 | 208" | 528 | 205" | 521 | 691 | 313.4 |
| 120" x 192" | 305 x 488 | 226" | 574 | 222¼" | 565 | 729 | 330.7 |

**SQUARE FORMAT DIMENSIONS**

| Sizes | | Overall Length of Case (does not include flange) | | Approx. Ship. Wt. | |
|---|---|---|---|---|---|
| H x W | Cm | In. | Cm | Lbs. | Kg |
| 10'6" x 14' | 320 x 427 | 199¼" | 506 | 594 | 269.4 |
| 14' x 14' | 427 x 427 | 205¾" | 523 | 620 | 281.2 |
| 12' x 16' | 366 x 488 | 225¾" | 573 | 672 | 304.8 |

**All screens standard with 12" black drop at the top except 270" diagonal, which has 2".**
Extra drop may alter case dimensions. Contact Da-Lite for details.
Overall case length dimensions ±¼".
Detail dimensional drawings, wiring diagrams and installation instructions available upon request.
Specifications subject to change without notice.
Custom formats and sizes available upon request.

**WHEN ORDERING, MARK APPROPRIATE SELECTIONS:**

**Select size from charts above.**

**Select viewing surface:**

- ❑ Da-Mat®
- ❑ High Contrast Da-Mat®
- ❑ Dual Vision
- ❑ High Contrast Cinema Vision
- ❑ Cinema Vision
- ❑ Pearlescent
- ❑ Da-Tex® (Rear)

GREENGUARD® and GREENGUARD® Children and Schools Certified.

**Options:**

- ❑ Single Motor Low Voltage Control (LVC) - external.
- ❑ Single Motor Low Voltage Control (LVC) - built-in.
- ❑ Wireless Remote Control for LVC.
  - ❑ Radio Frequency Remote.
    - ❑ Radio Frequency Range Extender available
  - ❑ Infrared Remote.
- ❑ Key Locking Cover Plate for 120V or LVC Switch.
- ❑ Key Operated Switch for 120V only (NOTE: Cannot be used with LVC).
- ❑ 220 Volt (50 Hz) Motor.
- ❑ Video Projector Interface Control - external.
- ❑ SCB-100 RS-232 Serial Control Board - built in.
  - ❑ NET-100 Ethernet-Serial Adapter
- ❑ SCB-100 RS-232 Serial Control Board - external.
  - ❑ NET-100 Ethernet-Serial Adapter

| | |
|---|---|
| Project: | |
| | |
| Architect: | |
| Phone: | |
| Contractor: | |
| Phone: | |
| Supervisor: | |
| Phone: | |
| Supplier: | |
| Date: | |
| Revised: | |

## TENSIONED LARGE ADVANTAGE® ELECTROL®

### SUGGESTED CEILING INSTALLATION